

IN THE SPECIFICATION

Replace the paragraph beginning on Page 5, Line 15 with the following new paragraph:

01 The axial displacement of the control element 31 is attained by an actuation rod 33 extending through the hollow drive shaft 11 and an axial bore in the driving clutch unit 9 and being fixedly connected with the control element 31. The actuation rod 33 is supported at the driving clutch unit 9 by an appropriate rolling bearing 34, and it is moved into the right end position illustrated in Fig. 1 in which the openings 30 are free by the force of a biased pressure spring 36 being located between the rolling bearing 34 and a protrusion 35 of the actuation rod 33.

Replace the paragraph beginning on Page 6, Line 3 with the following new paragraph:

02 As illustrated in Fig. 3, an electronic circuit 39 controls the lifting magnet 38. The electronic circuit 39 processes signals coming from the temperature sensors 40, 41 in the secondary cooling circuits to be watched using an OR-operation. In this embodiment, two secondary cooling circuits 5, 6 including the allocated secondary coolers 7, 8 are provided at the vehicle in addition to the main cooling circuit 3 including the main cooler 4. In case the vehicle for example is a farming tractor, the secondary cooling circuit 5 may serve to cool the oil of the transmission and the other secondary cooling circuit 6 may serve to cool hydraulic fluid. In both secondary cooling circuits 5, 6 there is the possibility of the fluid overheating when the fluid friction clutch only reacts to the temperature of the outgoing air of the main cooler 4, and when this temperature is too low to achieve an effect. Consequently, both secondary cooling circuits 5, 6 include a temperature sensor.